

# Artem Lysenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3085252/publications.pdf>

Version: 2024-02-01

22  
papers

743  
citations

759233

12  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome and Metabolite Profiling of the Infection Cycle of <i>Zymoseptoria tritici</i> on Wheat Reveals a Biphasic Interaction with Plant Immunity Involving Differential Pathogen Chromosomal Contributions and a Variation on the Hemibiotrophic Lifestyle Definition. <i>Plant Physiology</i> , 2015, 167, 1158-1185.	4.8	301
2	Representing and querying disease networks using graph databases. <i>BioData Mining</i> , 2016, 9, 23.	4.0	75
3	Developing integrated crop knowledge networks to advance candidate gene discovery. <i>Applied &amp; Translational Genomics</i> , 2016, 11, 18-26.	2.1	66
4	An integrative machine learning approach for prediction of toxicity-related drug safety. <i>Life Science Alliance</i> , 2018, 1, e201800098.	2.8	44
5	Genetical and Comparative Genomics of <i>Brassica</i> under Altered Ca Supply Identifies <i>Arabidopsis</i> Ca-Transporter Orthologs. <i>Plant Cell</i> , 2014, 26, 2818-2830.	6.6	40
6	DeepFeature: feature selection in nonimage data using convolutional neural network. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	31
7	A novel approach to identify genes that determine grain protein deviation in cereals. <i>Plant Biotechnology Journal</i> , 2015, 13, 625-635.	8.3	28
8	Recon2Neo4j: applying graph database technologies for managing comprehensive genome-scale networks. <i>Bioinformatics</i> , 2017, 33, 1096-1098.	4.1	25
9	Data integration for plant genomics—exemplars from the integration of <i>Arabidopsis thaliana</i> databases. <i>Briefings in Bioinformatics</i> , 2009, 10, 676-693.	6.5	21
10	Network-Based Data Integration for Selecting Candidate Virulence Associated Proteins in the Cereal Infecting Fungus <i>Fusarium graminearum</i> . <i>PLoS ONE</i> , 2013, 8, e67926.	2.5	18
11	EpiGeNet: A Graph Database of Interdependencies Between Genetic and Epigenetic Events in Colorectal Cancer. <i>Journal of Computational Biology</i> , 2017, 24, 969-980.	1.6	16
12	Navigating the disease landscape: knowledge representations for contextualizing molecular signatures. <i>Briefings in Bioinformatics</i> , 2019, 20, 609-623.	6.5	16
13	Assessing the functional coherence of modules found in multiple-evidence networks from <i>Arabidopsis</i> . <i>BMC Bioinformatics</i> , 2011, 12, 203.	2.6	14
14	AIGO: Towards a unified framework for the Analysis and the Inter-comparison of GO functional annotations. <i>BMC Bioinformatics</i> , 2011, 12, 431.	2.6	12
15	Discovering Study-Specific Gene Regulatory Networks. <i>PLoS ONE</i> , 2014, 9, e106524.	2.5	8
16	PHI-Nets: A Network Resource for Ascomycete Fungal Pathogens to Annotate and Identify Putative Virulence Interacting Proteins and siRNA Targets. <i>Frontiers in Microbiology</i> , 2019, 10, 2721.	3.5	8
17	Detection of Multi-clustered Genes and Community Structure for the Plant Pathogenic Fungus <i>Fusarium graminearum</i> . <i>Lecture Notes in Computer Science</i> , 2012, , 69-86.	1.3	8
18	Interactive exploration of integrated biological datasets using context-sensitive workflows. <i>Frontiers in Genetics</i> , 2014, 5, 21.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Immune subtypes and neoantigen-related immune evasion in advanced colorectal cancer. <i>IScience</i> , 2022, 25, 103740.	4.1	4
20	Analysis and visualisation of RDF resources in Ondex. <i>Nature Precedings</i> , 2010, , .	0.1	1
21	Integrating Multiple Studies of Wheat Microarray Data to Identify Treatment-Specific Regulatory Networks. <i>Lecture Notes in Computer Science</i> , 2013, , 104-115.	1.3	1
22	A Framework for Mining Life Sciences Data on the Semantic Web in an Interactive, Graph-Based Environment. <i>Lecture Notes in Computer Science</i> , 2014, , 225-237.	1.3	0